

Amendments to the Claims:

The following is a complete list of claims indicating the changes incorporated by the present amendment and replacing all prior versions of the claims. Any claims canceled herein and all deletions made in claims that are not canceled herein are done so without prejudice to being re-instituted at a later date in this or a related application.

Listing of Claims:

1. (Currently Amended) A process for the oxidation of methanol, ethanol, or mixtures thereof comprising contacting the methanol and/or ethanol with an oxygen-containing gas and a supported catalyst comprising one or more platinum group metal oxides, **wherein the product of the oxidation of methanol comprises at least one of methyl formate, dimethoxymethane and formaldehyde, and wherein the product of the oxidation of ethanol comprises diethoxyethane.**
2. (Original) A process according to claim 1 comprising oxidation of methanol.
3. (Original) A process according to claim 2 in which the product of the process comprises primarily methyl formate.
4. (Original) A process according to claim 2 in which the product of the process comprises dimethoxymethane and/or formaldehyde.
5. (Original) A process according to claim 3 in which the product further comprises dimethoxymethane and/or formaldehyde.
6. (Original) A process according to claim 1 comprising oxidation of ethanol.
7. (Original) A process according to claim 6 in which the product of the process comprises primarily diethoxyethane.
8. (Original) A process according to claim 1 comprising oxidation of a mixture of methanol and ethanol.

9. (Original) A process according to claim 1 in which the surface density of the platinum group metal oxide or oxides on the support is from about 20 % to about 300% of the surface density of a monolayer of said oxide or oxides.

10 (Original) A process according to claim 1 in which the surface density of the .platinum group metal oxide or oxides is approximately that of a monolayer of oxide or oxides.

11. (Original) A process according to claim 1 in which the support comprises a material selected from alumina, silica, zirconia, titania, and mixtures thereof.

12. (Original) A process according to claim 11 in which the support comprises alumina.

13. (Original) A process according to claim 11 in which the support comprises silica.

14. (Original) A process according to claim 11 in which the support comprises zirconia.

15. (Original) A process according to claim 11 in which the support comprises titania.

16. (Original) A process according to claim 11 in which the support comprises stannic oxide.

17. (Original) A process according to claim 1 in which the support comprises one or more reducible metal oxides.

18. (Original) A process according to claim 17 in which the one or more reducible metal oxides are selected from reducible oxides of tin, iron, cerium, manganese, cobalt, nickel, chromium, zirconium, rhenium, titanium, silver and copper, and mixtures thereof.

19. (Original) A process according to claim 17 in which the one or more reducible metal oxides are selected from reducible oxides of tin, iron, cerium, zirconium, and mixtures thereof.

20. (Original) A process according to claim 17 in which the one or more reducible metal oxides comprises stannic oxide.

21. (Original) A process according to claim 17 in which the support comprises one or more layers of a reducible metal oxide or a mixture of such oxides disposed on particulate alumina, silica, zirconia, or titania.

22. (Original) A process according to claim 21 in which the support comprises a layer of stannic oxide disposed on a particulate alumina, silica, titania, or zirconia.

23. (Original) A process according to claim 1 in which the catalyst comprises one or more ruthenium oxides.

24. (Original) A process according to claim 1 in which the catalyst comprises one or more rhodium oxides.

25. (Original) A process according to claim 1 in which the catalyst comprises one or more palladium oxides.

26. (Original) A process according to claim 1 in which the temperature is from about 30 to about 300°C.

27. (Original) A process according to claim 1 in which the temperature is from about 50 to about 180°C.

28. (Original) A process according to claim 1 in which the temperature is from about 80 to about 180°C.

29 - 67. (canceled)